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**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

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In Re the Application of: George E. Seidel, Lisa Herickhoff, John Schenk

For: Sex Specific Insemination of Mammals With Low Number of Sperm Cells

Serial Number: 09/582809

Filed: June 30, 2000

Assignees: XY, Inc. and Colorado State University Research Foundation

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**AMENDMENT AND REQUEST FOR RECONSIDERATION  
UNDER 37 C.F.R. § 1.111**

This amendment and request for reconsideration is in response to the official communication mailed September 17, 2001 (Paper No. 7). In that office communication, the office raised §102 concerns with respect to claims 1-3, 13-15, 25, 169, and 171-173; and §103 concerns with respect to claims 5-12, 16-18, and 19-23. With respect to claims 1, 15, 16, and 23, the office noted a variety of informalities with respect to typographical or numbering concerns. Claims 4, 26-29, 165-168, and 170 were found to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. This Amendment and Request For Reconsideration fully addresses each of these concerns raised by the office.

**AMENDMENT**

**In the claims:**

Kindly, cancel without prejudice claims: 3 and 4.